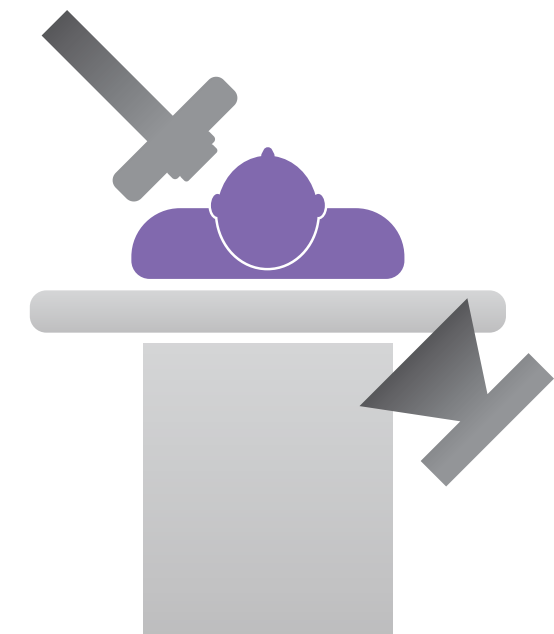


Remember. Modify. Watch.

Immediately reduce radiation exposure from X-ray equipment.

Reduce radiation exposure during procedures by making three changes to your equipment use. Test it yourself by watching the real-time dosimeter screen to see how your radiation exposure drops by making these modifications.



1. Reduce Angulations

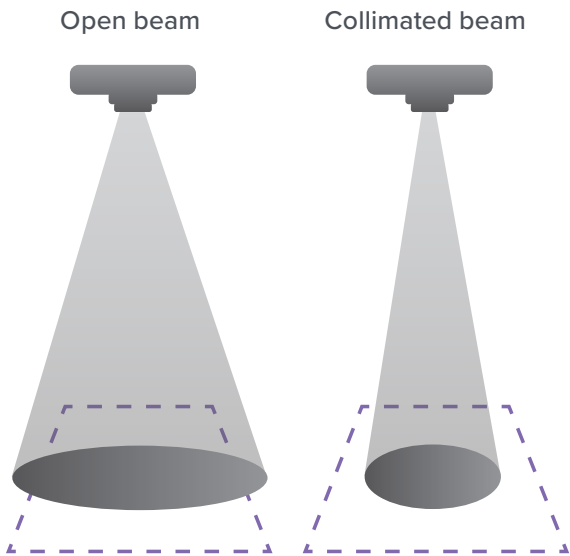
- Minimizing the distance between image intensifier and the patient reduces radiation scatter
- LAO views and steep angulations increase exposure but may improve visualization¹
- 60° angulations have 3x the exposure of 30° angulations¹

1. Beston S, Efsthopoulos EP, Katritsis D, Faulkner K, Panayiotakis G. Patient Radiation doses during cardiac catheterization procedures. Br.J. Radiol. 1998 Jun;71 (846):634-9



2. Reduce Frames Per Second

The conventional setting for interventional procedures is 15 FPS. Reduce it to 7.5 FPS to decrease radiation exposure. It will decrease image quality but there may be times it can be done without compromising your work.



3. Reduce Collimation Beam

Collimation reduces the amount of radiation being emitted, minimizing patient exposure and scatter. Using an open beam results in more scattered radiation impacting the staff in the room.

The i3 Real-time dosimeter allows you to see live dose rate, and changes, immediately. Watch the display to see what happens when you modify your equipment use. The RaySafe i3:

- Measures dose exposure with 1 second resolution to give real time feedback
- Keep track of accumulated dose history for up to 10 years down to the second
- Wireless connection for real time feedback on screen and automatic read out
- Colored paper inlays with space for name to personalize
- 60601 safety classified to be used near patient in medical environment

Visit our websites to watch videos, learn more about the risks of radiation exposure and see how the RaySafe i3 can help you now.

[RaySafe.com/i3](https://www.raysafe.com/i3) or [landauer.com/real-time-radiation-monitoring](https://www.landauer.com/real-time-radiation-monitoring)

